

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|---|---|------------------|---------|------------------|
| S1 | 791841 | (electro-luminescence or el or electroluminescence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:34 |
| S2 | 197 | (gamma near voltage near generat\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/22 17:22 |
| S3 | 0 | (compenst\$3 near voltage near generat\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/22 17:24 |
| S4 | 787 | (compensat\$3 near voltage near generat\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/22 17:39 |
| S5 | 0 | S1 and S2 and S3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/22 17:39 |
| S6 | 1 | S1 and S2 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/22 17:40 |
| S7 | 3 | S2 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/22 17:40 |
| S8 | 38 | S1 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/22 17:41 |

EAST Search History

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|-----|------|----------------------------|---|----|-----|------------------|
| S9 | 85 | han near sang near lee | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 16:04 |
| S10 | 2013 | ki near1 kim | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 15:46 |
| S11 | 37 | hae near yeol near kim | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 16:17 |
| S12 | 39 | juhn near suk near yoo | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 16:36 |
| S13 | 0 | S9 and S10 and S11 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 15:48 |
| S14 | 2013 | ki near kim | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 15:48 |
| S15 | 0 | S9 and S10 and S11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 15:47 |
| S16 | 2 | S9 and S11 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 15:47 |

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| S17 | 76 | ki near sung near kim | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 15:49 |
| S18 | 2 | S9 and S17 and S11 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/27 15:48 |
| S19 | 1924 | (345/76).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 16:35 |
| S20 | 819 | S19 and @pd<"20031230" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 09:36 |
| S21 | 542 | (345/77).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 08:46 |
| S22 | 238 | S21 and @pd<"20031230" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 08:30 |
| S23 | 114 | (345/78).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 12:03 |
| S24 | 2578 | (315/169.3).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 12:03 |

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| S25 | 1630 | S24 and @pd<"20031230" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 12:04 |
| S26 | 3144 | (bias near switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/29 08:51 |
| S27 | 1 | S25 and S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 12:09 |
| S28 | 21 | ("4011557" "4208869" "4210848" "4238793" "4253097" "4449075" "4527096" "5332950").PN. OR ("5418434").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/28 12:05 |
| S29 | 117008 | (tft or thin near film near transist\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 12:10 |
| S30 | 41 | S26 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 12:12 |
| S31 | 2306945 | voltage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 12:13 |
| S32 | 35 | S30 and S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 12:13 |

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|-----|------|--|---|----|-----|------------------|
| S33 | 6 | ("6084579" "6229506" "6229508" "6989826" "7088330" "7106281").PN. OR ("7180244").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/28 15:25 |
| S34 | 2 | ("6191831").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:38 |
| S35 | 1561 | (315/169.1).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:39 |
| S36 | 1133 | S35 and @pd<"20031230" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:40 |
| S37 | 0 | S26 and S36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:41 |
| S38 | 104 | S36 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:54 |
| S39 | 1231 | (345/92).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:54 |
| S40 | 749 | S39 and @pd<"20031230" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:55 |

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|-----|------|---------------------------------|---|----|-----|------------------|
| S41 | 0 | S40 and S26 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:55 |
| S42 | 571 | S40 and S29 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:55 |
| S43 | 480 | S40 and S29 and S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:56 |
| S44 | 331 | S40 and S29 and S31 and control | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/28 16:56 |
| S45 | 2047 | 345/98.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/29 08:49 |
| S46 | 3144 | (bias near switch) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/29 08:51 |
| S47 | 6 | S45 and S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/29 08:59 |
| S48 | 710 | 345/99.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/29 08:59 |

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| S49 | 0 | 345/99.ccls. and S46 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/29 08:59 |
| S50 | 372 | 345/99.ccls. and switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/29 10:13 |
| S51 | 5 | ("6603456").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/29 10:13 |
| S52 | 7 | ("3906223" "4781437" "5654673" "5777515" "6054976" "6307431").PN. OR ("6603456").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/03/29 10:14 |
| S53 | 885701 | (bais or dc) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:53 |
| S54 | 263988 | electroluminescen\$2 or (light adj emit\$4 adj diode\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 17:07 |
| S55 | 1732 | (bias adj dc) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/30 14:10 |
| S56 | 241887 | (bias adj voltage\$2 or dc adj voltage\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/30 14:16 |

EAST Search History

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|-----|-------|--|---|----|-----|------------------|
| S58 | 18569 | (bias adj voltage\$2 or dc adj voltage\$2)near5 switch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/30 14:18 |
| S59 | 150 | (bias adj voltage\$2 or dc adj voltage\$2)near5 switch\$3 and (gate adj line\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 16:22 |
| S60 | 1930 | (345/76).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/03/30 15:41 |
| S61 | 1930 | (345/76).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 17:20 |
| S62 | 2 | ("6456282").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 15:45 |
| S63 | 4 | ("5087890" "5111195" "5623279").PN. OR ("6456282").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/02 13:09 |
| S64 | 2579 | (315/169.3).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 13:12 |
| S65 | 1630 | S64 and @pd<"20031230" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 13:12 |

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|-----|--------|--|---|----|-----|------------------|
| S66 | 2 | ("20050140599").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 15:45 |
| S67 | 11 | ("5748165" "5882761" "5990629" "6229505" "6246384" "6377235").PN. OR ("6583576").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/02 16:08 |
| S68 | 62 | ("4842371" "5093655" "5274366" "5392058" "5412397" "5414443" "5418547" "5436635" "5438342" "5459484" "5465102" "5510805" "5528256").PN. OR ("5748165"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/02 16:14 |
| S69 | 792205 | (electro-luminescence or el or electroluminescence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 16:21 |
| S70 | 186 | (bias adj5 voltage\$2 or dc adj5 voltage\$2)near5 switch\$3 and (gate adj line\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 16:23 |
| S71 | 6 | ("6084579" "6229506" "6229508" "6989826" "7088330" "7106281").PN. OR ("7180244").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/02 16:31 |
| S72 | 23 | ("4042854" "4633141" "5828181").PN. OR ("6084579"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/02 16:35 |
| S73 | 6 | ("6084579" "6229506" "6229508" "6989826" "7088330" "7106281").PN. OR ("7180244").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/02 17:04 |
| S74 | 9096 | driv\$3 near5 voltage\$2 adj3 line\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 17:07 |

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| S75 | 82064 | electroluminescen\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 17:14 |
| S76 | 679 | S74 and S75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 17:08 |
| S77 | 71 | S74 same S75 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 17:08 |
| S78 | 264084 | electroluminescen\$2 or (light adj emit\$4 adj diode\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/02 17:16 |
| S81 | 792294 | (electro-luminescence or el or electroluminescence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:34 |
| S82 | 5327991 | (bias adj voltage\$2 or dc adj voltage\$2)near\$5 switch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:30 |
| S83 | 309145 | S81 and S82 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:36 |
| S84 | 886082 | (bais or dc) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:59 |

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| S85 | 264217 | electroluminescen\$2 or (light adj emit\$4 adj diode\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:37 |
| S86 | 39929 | S85 and S84 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:38 |
| S87 | 33256 | S86 and S82 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:38 |
| S88 | 45479 | S85 same S82 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:40 |
| S89 | 24058 | S85 with S82 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:47 |
| S90 | 16325 | (bais or dc) adj3 switch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:50 |
| S91 | 518 | S90 and S81 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:50 |
| S92 | 518 | S90 and S81 and S82 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 08:50 |

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| S93 | 264217 | electroluminescen\$2 or (light adj emit\$4 adj diode\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 11:43 |
| S94 | 5327991 | (bias adj voltage\$2 or dc adj voltage\$2)near\$5 switch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:30 |
| S95 | 128913 | S93 and S94 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:31 |
| S96 | 128739 | control\$3 adj3 terminal\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:32 |
| S97 | 5329 | S95 and S96 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:32 |
| S98 | 134597 | (control\$4 adj3 terminal\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:34 |
| S99 | 5513 | S95 and S98 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:34 |
| S100 | 5513 | S99 and S93 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:35 |

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| S10 1 | 2579 | (315/169.3).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:36 |
| S10 2 | 27722 | ((bias or dc) adj3 switch\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:38 |
| S10 3 | 2902 | ((((bias or dc) adj3 switch\$3)adj9 voltage\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:40 |
| S10 4 | 157 | ((((bias or dc) adj3 switch\$3)adj9 voltage\$2)and S93 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:40 |
| S10 5 | 1445117 | (bias or dc) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:54 |
| S10 6 | 49904 | (bias or dc)adj5 switch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:55 |
| S10 7 | 49904 | ((bias or dc)adj5 switch\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:55 |
| S10 8 | 4958 | ((bias or dc)adj5 switch\$3)and (voltage\$2 adj3 line\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:56 |

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|----------|---------|--|--|----|-----|------------------|
| S10 9 | 44 | ((bias or dc)adj5 switch\$3)and (voltage\$2 adj3 line\$1) and (driv\$3 adj2 tft) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 09:57 |
| S11 0 | 0 | ("200300990446").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 11:31 |
| S11 1 | 151929 | electroluminescen\$2 or (light adj emit\$4 adj diode\$2) | US-PGPUB; USPAT | OR | OFF | 2007/04/03 11:44 |
| S11 2 | 153735 | electroluminescen\$2 or (light adj emit\$4 adj diode\$2) | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/04/03 11:46 |
| S11 3 | 264237 | electroluminescen\$2 or (light adj emit\$4 adj diode\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/04/03 11:46 |
| S11 4 | 2208061 | switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 17:10 |
| S11 5 | 2033 | (345/76).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 16:36 |
| S11 6 | 1050 | S114 and S115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 16:36 |
| S11 7 | 5981 | bais adj3switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 17:10 |

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| S11 8 | 3 | bais adj3 switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/07 17:17 |
| S11 9 | 743477 | (transistor\$2 or switch) same voltage\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:06 |
| S12 0 | 2033 | 345/76.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:05 |
| S12 1 | 1306 | S119 and S120 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:05 |
| S12 2 | 566867 | (transistor\$2 or switch)with voltage\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:08 |
| S12 3 | 1180 | S120 and S122 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:06 |
| S12 4 | 94063 | (transistor\$2 or switch)adj2 voltage\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:16 |
| S12 5 | 488 | S120 and S124 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:08 |

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| S12 6 | 1491 | 345/211.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:21 |
| S12 7 | 215 | S124 and S126 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:24 |
| S12 8 | 5186612 | driv\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:24 |
| S12 9 | 3758 | driv\$4 adj tft | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:25 |
| S13 0 | 1431 | driv\$4 adj tft same (transistor\$2 or switch\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:26 |
| S13 1 | 196 | S120 and S130 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/08 13:26 |
| S13 2 | 2 | "20050140599".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:09 |
| S13 3 | 2209789 | switch | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 09:30 |

EAST Search History

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| S13 4 | 2042 | (345/76).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/14 11:29 |
| S13 5 | 1 | S132 and S134 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 09:34 |
| S13 6 | 85340 | (first and second) adj2 voltag\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 09:35 |
| S13 7 | 41951 | S133 and S136 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 09:36 |
| S13 8 | 301 | S134 and S136 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 09:36 |
| S13 9 | 295513 | control adj2 (tft or switch\$3 or transist?r\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:12 |
| S14 0 | 69107 | supply adj2 (tft or switch\$3 or transist?r\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:13 |
| S14 1 | 127736 | (supply or drive) adj2 (tft or switch\$3 or transist?r\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:13 |

EAST Search History

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|----------|-------|--|---|----|-----|------------------|
| S14 2 | 8118 | S139 same S141 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:14 |
| S14 3 | 4739 | ((345/76-81) or (315/169.3)). CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:14 |
| S14 4 | 89 | S142 and S143 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:15 |
| S14 5 | 47 | S144 and @ad<"20040416" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 11:05 |
| S14 6 | 15239 | bias adj (tft or switch or transist?r\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:44 |
| S14 7 | 37 | S143 and S146 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:44 |
| S14 8 | 16 | S147 and @ad<"20040416" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:57 |
| S14 9 | 429 | (345/95).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 10:58 |

EAST Search History

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|----------|----------|---|---|----|-----|------------------|
| S15 0 | 3 | S146 and S149 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 11:04 |
| S15 1 | 85649 | "345"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 11:05 |
| S15 2 | 200 | S146 and S151 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 11:05 |
| S15 3 | 25832951 | 21and @ad<"20040416" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 11:06 |
| S15 4 | 69668 | S151 and @ad<"20040416" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 10:10 |
| S15 5 | 154 | S152 and @ad<"20040416" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/12 11:06 |
| S15 6 | 2 | ("6262589" "6791350").PN. OR ("6943564").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/12 13:21 |
| S15 7 | 67 | 345/3.3.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 09:30 |

EAST Search History

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| S15 8 | 55 | S157 and @ad<"20040416" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 09:30 |
| S15 9 | 2 | "6542138".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 09:37 |
| S16 0 | 33 | ("3659159" "5235253").PN. OR ("6542138").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/13 09:37 |
| S16 1 | 43 | ("20010002703" "20010045565" "20020011973" "20020044208" "20020097212" "20020158666" "20020167026" "20020190326" "20030011584" "20030020520" "20030034806" "20030111677" "3506851" "3774055" "3898479" "4090096" "4390803" "4412139" "4633105" "4804870" "4959697" "5033068" "5216290" "5467038" "5548143" "5594380" "5643826" "5694061" "5870071" "5889291" "5949271" "5952991" "6040810" "6049228" "6091393" "6384804" "6501098" "6522323" "6542138" "6686899" "6788108" "6813332").PN. OR ("7218349").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/13 10:09 |
| S16 2 | 429 | (345/95).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 10:10 |
| S16 3 | 412 | S162 and @ad<"20040416" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 10:10 |

EAST Search History

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| S16 4 | 324 | S162 and @ad<"20040416" and (switch\$2 or transist?r\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 10:13 |
| S16 5 | 54 | S162 and @ad<"20040416" and (switch\$2 or transist?r\$2) same ((first and second) adj3 voltag\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 10:57 |
| S16 6 | 0 | S162 and @ad<"20040416" and ((bias or dc) adj3 (switch\$2 or transist?r\$2)) same ((first and second) adj3 voltag\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 10:59 |
| S16 7 | 11 | "345"/\$.ccls. and @ad<"20040416" and ((bias or dc) adj3 (switch\$2 or transist?r\$2)) same ((first and second) adj3 voltag\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 11:06 |
| S16 8 | 2 | "20030006979" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 11:06 |
| S16 9 | 1117 | 345/82.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 14:53 |
| S17 0 | 878 | 345/82.ccls. | US-PGPUB; USPAT | OR | OFF | 2007/06/13 16:22 |
| S17 1 | 0 | 2005/0140599.pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 16:23 |
| S17 2 | 2 | ("20050140599").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/13 16:23 |

EAST Search History

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|----------|---------|--|---|----|-----|------------------|
| S17 3 | 6 | ("6084579" "6229506" "6229508" "6989826" "7088330" "7106281").PN. OR ("7180244").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/13 16:55 |
| S17 4 | 34 | ("20020000576" "20020044140" "20020053884" "20020113760" "20050200576" "4356429" "4539507" "4720432" "4769292" "4885211" "4950950" "5047687" "5059861" "5073446" "5151629" "5247190" "5294869" "5294870" "5399502" "5839456" "5943032" "5952789" "5962962" "6229506" "6246180" "6414653" "6424326" "6548960" "6730966" "6756740" "6791129" "6847341" "6982462" "6995520").PN. OR ("7113155").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/13 17:08 |
| S17 5 | 1825 | (345/76).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/06/14 11:29 |
| S17 6 | 0 | ("2ands29").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/14 11:31 |
| S17 7 | 120572 | (tft or thin near film near transist\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/14 11:31 |
| S17 8 | 954 | S175 and S177 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/14 11:32 |
| S17 9 | 5202608 | (current or previous) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/14 11:33 |

EAST Search History

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|----------|-----|---|---|----|-----|------------------|
| S18 0 | 910 | S178 and S179 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/14 11:33 |
| S18 1 | 0 | ("7180244").URPN. | USPAT | OR | OFF | 2007/06/14 15:50 |
| S18 2 | 6 | ("6084579" "6229506" "6229508" "6989826" "7088330" "7106281").PN. OR ("7180244").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/14 15:50 |
| S18 3 | 8 | ("20050190177" "6084579" "6229506" "6229508" "6369786" "6628258" "6731266").PN. OR ("7106281"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/14 15:54 |
| S18 4 | 34 | ("20020000576" "20020044140" "20020053884" "20020113760" "20050200576" "4356429" "4539507" "4720432" "4769292" "4885211" "4950950" "5047687" "5059861" "5073446" "5151629" "5247190" "5294869" "5294870" "5399502" "5839456" "5943032" "5952789" "5962962" "6229506" "6246180" "6414653" "6424326" "6548960" "6730966" "6756740" "6791129" "6847341" "6982462" "6995520").PN. OR ("7113155").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/14 16:12 |

EAST Search History

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|----------|--------|---|---|----|-----|------------------|
| S18 5 | 34 | ("20020000576" "20020044140" "20020053884" "20020113760" "20050200576" "4356429" "4539507" "4720432" "4769292" "4885211" "4950950" "5047687" "5059861" "5073446" "5151629" "5247190" "5294869" "5294870" "5399502" "5839456" "5943032" "5952789" "5962962" "6229506" "6246180" "6414653" "6424326" "6548960" "6730966" "6756740" "6791129" "6847341" "6982462" "6995520").PN. OR ("7113155").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/14 16:12 |
| S18 6 | 34 | ("20020000576" "20020044140" "20020053884" "20020113760" "20050200576" "4356429" "4539507" "4720432" "4769292" "4885211" "4950950" "5047687" "5059861" "5073446" "5151629" "5247190" "5294869" "5294870" "5399502" "5839456" "5943032" "5952789" "5962962" "6229506" "6246180" "6414653" "6424326" "6548960" "6730966" "6756740" "6791129" "6847341" "6982462" "6995520").PN. OR ("7113155").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/06/14 16:12 |
| S18 7 | 11101 | lg near philips near lcd near co | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 09:08 |
| S18 8 | 796113 | (electro-luminescence or el or electroluminescence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 09:09 |

EAST Search History

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|------|--------|--|---|----|-----|------------------|
| S189 | 483 | S187 and S188 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 11:09 |
| S190 | 2 | ("20050088391").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 11:09 |
| S191 | 1701 | (voltage adj4 generat\$3) same (high adj3 state) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 17:44 |
| S192 | 10 | (voltage adj4 generat\$3) same (high adj3 state) same (shift adj2 register\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/19 15:50 |
| S193 | 796113 | (electro-luminescence or el or electroluminescence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 17:45 |
| S194 | 2 | (voltage adj4 generat\$3) same (high adj3 state) same (shift adj2 register\$2) and S193 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 17:45 |
| S195 | 5 | (voltage adj4 generat\$3) same ((high and low) adj3 state) same (shift adj2 register\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/18 18:01 |
| S196 | 1646 | (voltage adj4 generat\$3) and (high adj3 state) and (shift adj2 register\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/19 15:51 |

EAST Search History

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|----------|--------|--|---|----|-----|------------------|
| S19 7 | 1226 | (voltage adj2 generat\$3) and (high adj3 state) and (shift adj2 register\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/19 15:51 |
| S19 8 | 928 | (voltage adj generat\$3) and (high adj3 state) and (shift adj2 register\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/19 15:51 |
| S19 9 | 12 | (voltage adj generat\$3) with(high adj3 state) and (shift adj2 register\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/19 15:52 |
| S20 0 | 796196 | (electro-luminescence or el or electroluminescence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/19 15:52 |
| S20 1 | 1 | (voltage adj generat\$3) with(high adj3 state) and (shift adj2 register\$2) and S200 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/19 15:52 |
| S20 2 | 215076 | (voltage\$2 adj2 generat\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:16 |
| S20 3 | 796196 | (electro-luminescence or el or electroluminescence) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:10 |
| S20 4 | 11065 | S202 and S203 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:10 |

EAST Search History

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|----------|------|--|---|----|-----|------------------|
| S20 5 | 7135 | (voltage\$2 adj2 generat\$4) and (shift adj2 register\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:22 |
| S20 6 | 885 | S203 and S205 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:21 |
| S20 7 | 744 | (voltage\$2 adj2 generat\$4) and (shift adj2 register\$2) and ((high and low)adj4 state) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:24 |
| S20 8 | 744 | S205 and S207 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:24 |
| S20 9 | 99 | S203 and S207 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:36 |
| S21 0 | 4794 | 345/76-86.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:37 |
| S21 1 | 185 | S205 and S210 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:39 |
| S21 2 | 16 | S207 and S210 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/06/20 14:39 |